

Title (en)
OVERTURN PREVENTION METHOD AND DEVICE FOR TWO-WHEEL VEHICLE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR UMKIPPVERHINDERUNG BEI EINEM ZWEIRADFahrzeug

Title (fr)
PROCÉDÉ ET DISPOSITIF ANTI-RENVERSEMENT POUR Véhicule À Deux Roues

Publication
EP 2886431 B1 20201021 (EN)

Application
EP 13822989 A 20130425

Priority
• JP 2012164781 A 20120725
• JP 2013062217 W 20130425

Abstract (en)
[origin: EP2886431A1] There is provided a two-wheeled vehicle overturn prevention method, wherein maximum allowable lean angles corresponding to vehicle body velocities are preset in relation to lean angles of a vehicle body, and in a case where an actual lean angle of the vehicle body exceeds a maximum allowable lean angle corresponding to an actual vehicle body velocity of the vehicle body or in a case where an estimated lean angle of the vehicle body after a predetermined amount of time exceeds or looks to exceed a maximum allowable lean angle corresponding to an estimated vehicle body velocity, the two-wheeled vehicle overturn prevention method is adapted to accelerate the vehicle body or keep the vehicle body from decelerating.

IPC 8 full level
B62J 27/00 (2020.01); **B60W 30/02** (2012.01); **B60W 30/18** (2012.01); **B60W 50/00** (2006.01)

CPC (source: EP US)
B60W 30/02 (2013.01 - EP US); **B60W 30/18145** (2013.01 - EP US); **B60W 50/0097** (2013.01 - EP US); **B62J 27/00** (2013.01 - EP US); **F02D 29/02** (2013.01 - US); **B60W 2030/043** (2013.01 - EP US); **B60W 2050/0011** (2013.01 - EP US); **B60W 2300/36** (2013.01 - EP US); **B60W 2520/10** (2013.01 - EP US); **B60W 2520/105** (2013.01 - EP US); **B60W 2520/125** (2013.01 - EP US); **B60W 2520/14** (2013.01 - EP US); **B60W 2520/18** (2013.01 - EP US); **B60W 2710/0666** (2013.01 - EP US); **B60W 2720/106** (2013.01 - EP US); **B60Y 2200/12** (2013.01 - EP US); **Y02T 10/84** (2013.01 - US)

Cited by
CN110920606A; CN109789860A; DE102019205111A1; EP3978341A4; US11358670B2; US11097701B2; WO2018193322A1; WO2018065838A1; TWI741006B

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2886431 A1 20150624; EP 2886431 A4 20160803; EP 2886431 B1 20201021; JP 5836558 B2 20151224; JP WO2014017138 A1 20160707; US 2015183480 A1 20150702; US 9758205 B2 20170912; WO 2014017138 A1 20140130

DOCDB simple family (application)
EP 13822989 A 20130425; JP 2013062217 W 20130425; JP 2014526788 A 20130425; US 201314415799 A 20130425